

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A hybrid fuel cell system in which a fuel cell and an electricity storage device are connected via a voltage converter,

wherein the voltage converter is a three phase bridge type converter, the converter comprising a plurality of ~~phases~~~~multi-phases~~, the system comprising a controller that changes ~~the~~ a number of phases-used by of operation of the voltage converter in accordance with a value equivalent to power passing through the voltage converter such that, by changing the number of phases of operation, the controller switches the voltage converter between a single phase drive mode and a multiple phase drive mode.

2. (Currently Amended) A hybrid fuel cell system in which a fuel cell and an electricity storage device are connected via a voltage converter,

wherein the voltage converter is a three phase bridge type converter, the converter comprising a plurality of phases, and ~~the~~ a number of phases of operation can be changed in accordance with a value equivalent to an input/output conversion energy volume or operation volume of the voltage converter such that changing the number of phases of operation switches the voltage converter between a single phase drive mode and a multiple phase drive mode.

3. (Previously Presented) The hybrid fuel cell system according to claim 1, wherein when the equivalent value is smaller than a predetermined value, the number of phases of operation is fewer than the number of phases of operation when the equivalent value is equal to or greater than the predetermined value.

4. (Currently Amended) The hybrid fuel cell system according to claim 1, wherein

~~the voltage converter switches between multi-phase operation in which operation is in a plurality of phases and single phase operation in which operation is in single phase, and~~

during ~~multi-phase operation~~ the multiple phase drive mode when the equivalent value becomes smaller than a first value, operation is switched to the single phase drive mode operation, and

during the single phase drive mode operation when the equivalent value is larger than a second value that is larger than the first value, operation is switched to the multiple phase drive mode ~~multi-phase operation~~.

5. (Canceled)

6. (Currently Amended) A method of controlling voltage conversion of a hybrid fuel cell system in which a fuel cell and an electricity storage device are connected via a voltage converter, comprising:

when the voltage converter is provided with a plurality of phases, measuring a value equivalent to power passing through the voltage converter; and

changing ~~the~~ a number of phases used of operation of the voltage converter in accordance with the measured equivalent value such that changing the number of phases of operation switches the converter between a single phase drive mode and a multiple phase drive mode.

7. (Original) The method of controlling voltage conversion of a hybrid fuel cell system according to claim 6, wherein when the equivalent value is smaller than a predetermined value, the number of phases of operation for use is fewer than the number of phases of operation when the equivalent value is equal to or greater than the predetermined value.

8. (Currently Amended) The method of controlling voltage conversion of a hybrid fuel cell system according to claim 6, wherein, ~~when the voltage converter can switch between multi-phase operation in which operation is in a plurality of phases and single phase operation in which operation is in single phase,~~ operation is switched to the single phase ~~operation drive mode during multi-phase operation~~ the multiple phase drive mode when the equivalent value becomes smaller than a first value, and operation is switched to the ~~multi-phase operation~~ multiple phase drive mode during ~~the~~ single phase drive mode ~~operation~~ when the equivalent value is larger than a second value that is larger than the first value.

9. (Currently Amended) The hybrid fuel cell system according to claim 1, wherein

the electricity storage device is connected to a primary side of the voltage converter,

the fuel cell is connected to a secondary ~~to a secondary~~ side of the voltage converter, and

the fuel cell is connected to load equipment so as to provide the electrical power of the fuel cell.

10. (New) A hybrid fuel cell system in which a fuel cell and an electricity storage device are connected via a voltage converter,

wherein the voltage converter is a three phase bridge type converter, the converter comprising a plurality of phases, the system comprising a controller that changes a number of phases of operation of the voltage converter in accordance with a value equivalent to power passing through the voltage converter such that, by changing the number of phases of operation, the controller switches the voltage converter between a single phase drive mode and a multiple phase drive mode,

wherein each of the phases in the voltage converter handles an alternating current and has a different phase shift with respect to the other phases, and

wherein when the controller changes the number of phases used by the voltage converter the change of the number of phases is conducted in a synchronized manner by the controller.